In the Claims:

1.- (currently amended) A method for detecting rotation of a rotor of a multiple phase motor with bipolar drive the motor comprising at least a first and a second ~~energisable~~ energizable motor stator winding, the method comprising sequentially and alternately sensing a voltage on the first and the second motor stator winding at or near the end of a period of a ~~non-energised~~ non-energized state thereof.

2.- (currently amended) A method according to claim 1, wherein the sensing of the voltage on the first respectively second motor stator winding is carried out during ~~energising~~ energizing of the second respectively first motor stator winding.

3.- (currently amended) A method according to claim 1, wherein the sensing has a fixed or adjustable relative position in a ~~non-energised~~ non-energized state time-window.

4.- (original) A method according to claim 1, furthermore comprising storing sensed voltage values in a memory device.

5.- (original) A method according to claim 4, furthermore comprising sensing multiple voltage samples, and storing the multiple samples in the memory device.

6.- (original) A method according to claim 1, wherein the motor is driven in microstepping operation.

7.- (original) A method according to claim 1, wherein the voltage is a back EMF.

8.- (original) A method according to claim 1, furthermore comprising outputting a detection signal indicative of a stalled condition of the motor.

9.- (original) A method according to claim 1, furthermore comprising outputting a detection signal indicative of a rotation of the motor rotor or derivatives thereof versus time.

10.- (currently amended) A method according to claim 1, where for sensing the voltage a unipolar signal is measured across one ~~non-energised~~ non-energized motor stator winding by connecting one terminal of the motor stator winding to a fixed or reference potential while measuring the voltage at an other terminal of that ~~non-energised~~ non-energized motor stator winding.

11.- (original) A method according to claim 1 excluding a three-phase motor with bipolar drive with star connected coils.

12.- (currently amended) An apparatus for detecting rotation of a rotor of a multiple phase motor with bipolar drive, the motor comprising at least a first and a second ~~energisable~~ energizable motor stator winding, the apparatus comprising means for sequentially and

alternately sensing a back electromagnetic force on the first and the second motor stator winding at or near the end of a period of a non-energized state thereof.

13.- (original) An apparatus according to claim 12, excluding a three-phase motor with bipolar drive with star connected coils.

14.- (currently amended) An apparatus according to claim 12, wherein the means for sequentially and alternately sensing has means for sensing of ~~the~~ a voltage on the first respectively second motor stator winding during ~~energising~~ energizing of the second respectively first motor stator winding.

15.- (currently amended) An apparatus according to claim 12, wherein the means for sequentially and alternately sensing has a fixed or adjustable relative position in a ~~non-energised~~ non-energized state time-window.

16.- (original) An apparatus according to claim 12, furthermore comprising means for storing sensed voltage values.

17.- (currently amended) An apparatus according to claim 12, wherein the means for sensing has means for sensing multiple voltage samples, further comprising means for storing the multiple samples.

18.- (original) An apparatus according to claim 12, furthermore comprising means for outputting a detection signal indicative of a stalled condition of the motor.

19.- (original) An apparatus according to claim 12, furthermore comprising means for outputting a detection signal indicative of a rotation of the motor rotor or derivatives thereof versus time.

20.- (currently amended) An apparatus according to claim 12, further comprising means for sensing a unipolar signal across one ~~non-energised~~ non-energized motor stator winding by connecting one terminal of the motor stator winding to a fixed or reference potential while measuring the voltage at an other terminal of that non-energized motor stator winding.